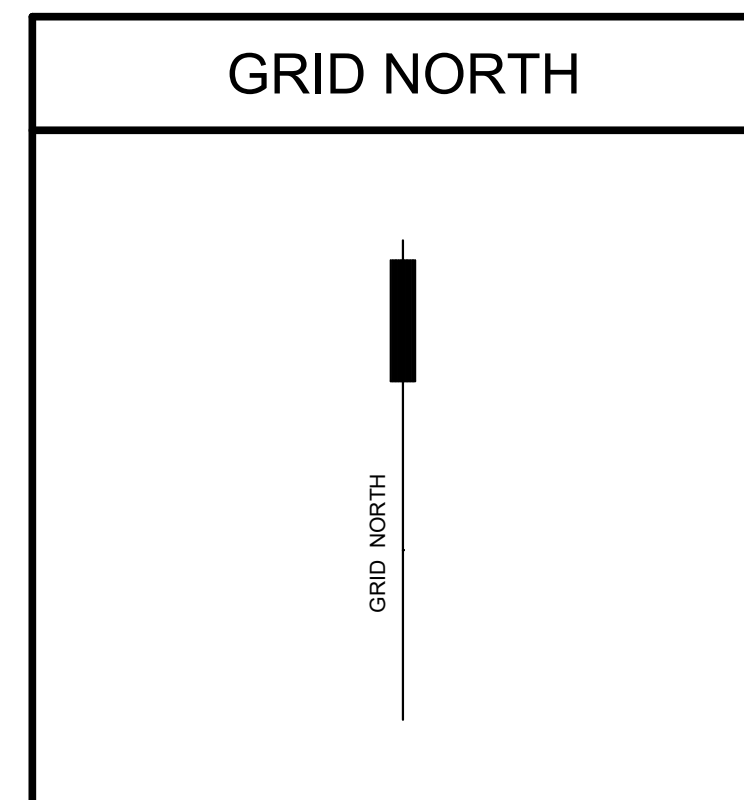
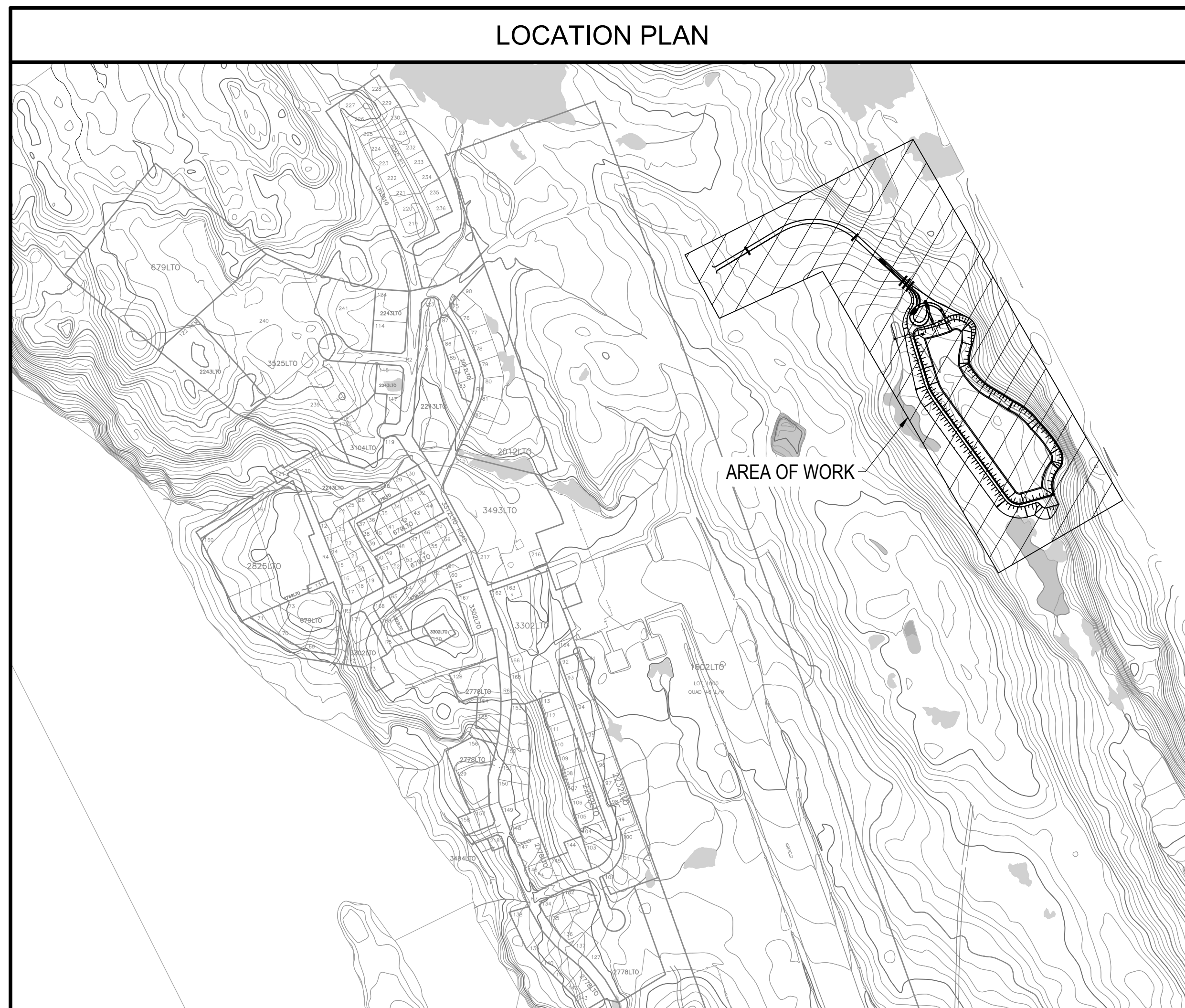


GOVERNMENT OF NUNAVUT
NAUJAAT SEWAGE LAGOON
UPGRADE
100% SUBMISSION

[illegible]

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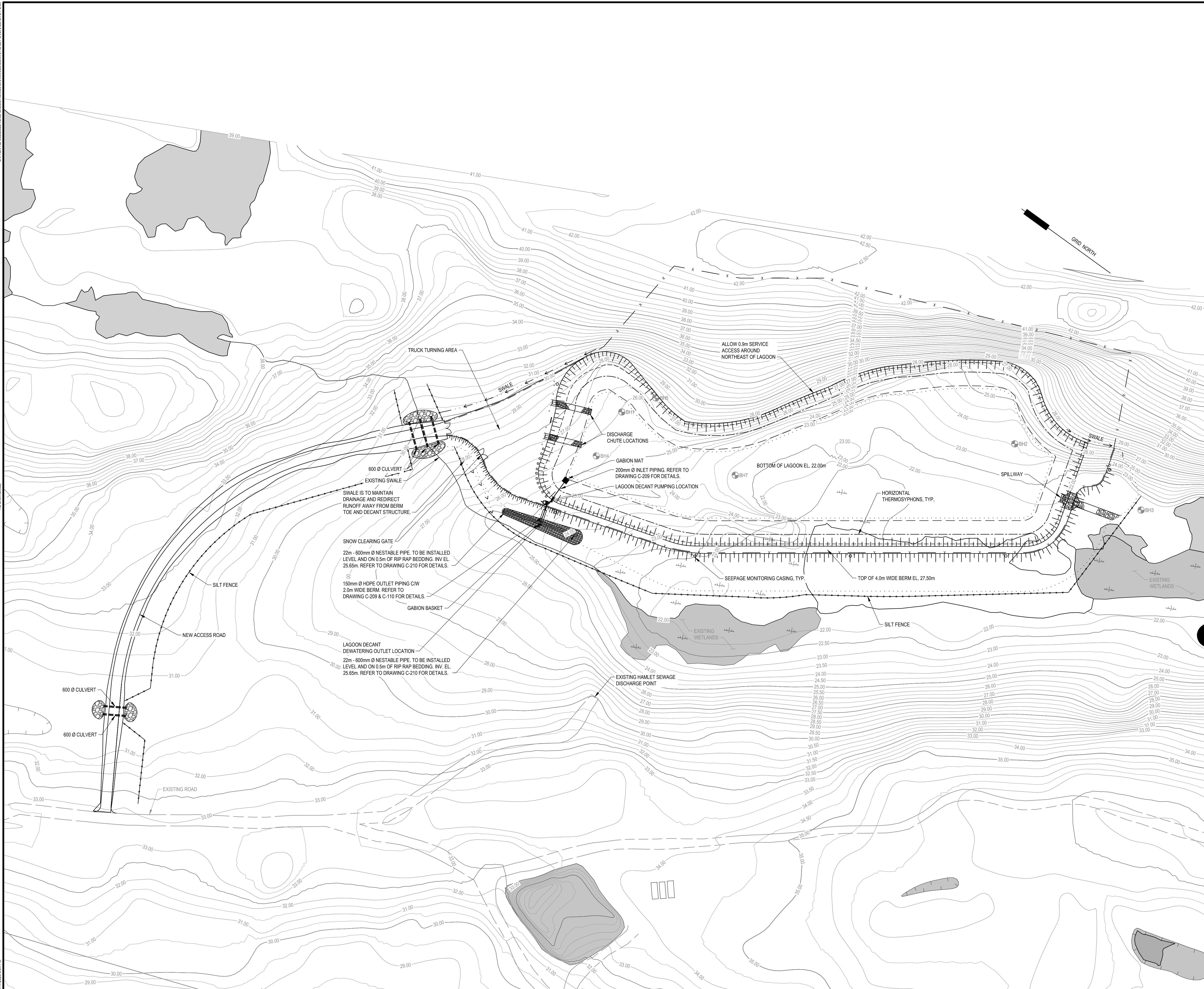


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FRE-00255322-A0

100% Submission Review

APRIL, 2020



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No.	Issue	Date
A	75% SUBMISSION	2020.APR.01
B	100% SUBMISSION	2020.APR.17

LEGEND

PROPOSED	EXISTING	
		TOP OF BERM/SLOPE
		BOTTOM OF BERM/SLOPE
		FENCE
		BOREHOLE
		CONTOURS
		HORIZONTAL THERMOSYPHONS

No.	Revision	Date

100% Submission Review

Professional Seal(s)	
----------------------	--

Drawn By:	ARL
Dwg Standards Ckd By:	
Designed By:	BCA
Design Checked By:	
Scale:	1:1000

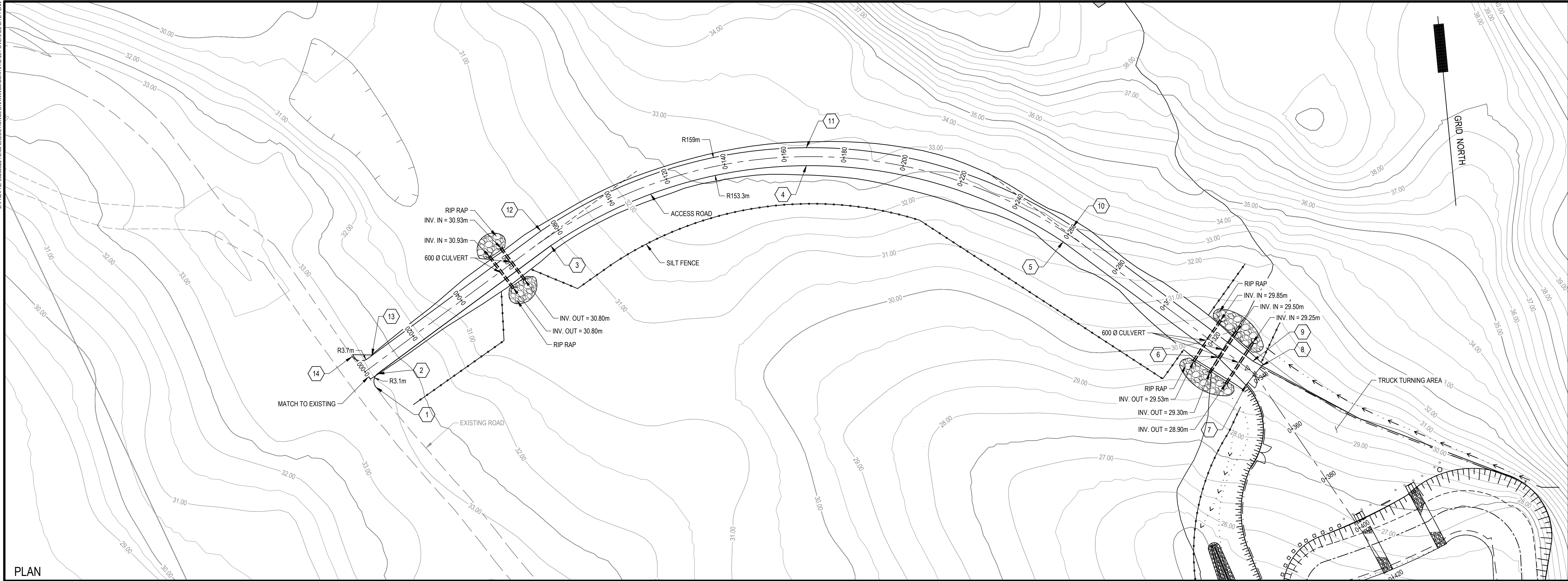
GOVERNMENT OF NUNAVUT
NAUJAAT SEWAGE LAGOON
UPGRADE

Dwg. Title

OVERALL SITE PLAN

Project No.		FRE-00255322-A0	
Dwg. No.		C-201	Rev. No. B

E:\PREFRE-00255322-A0\B EXECUTION\B DRAWINGS\CONTINUED\01 OVERALL SITE PLAN

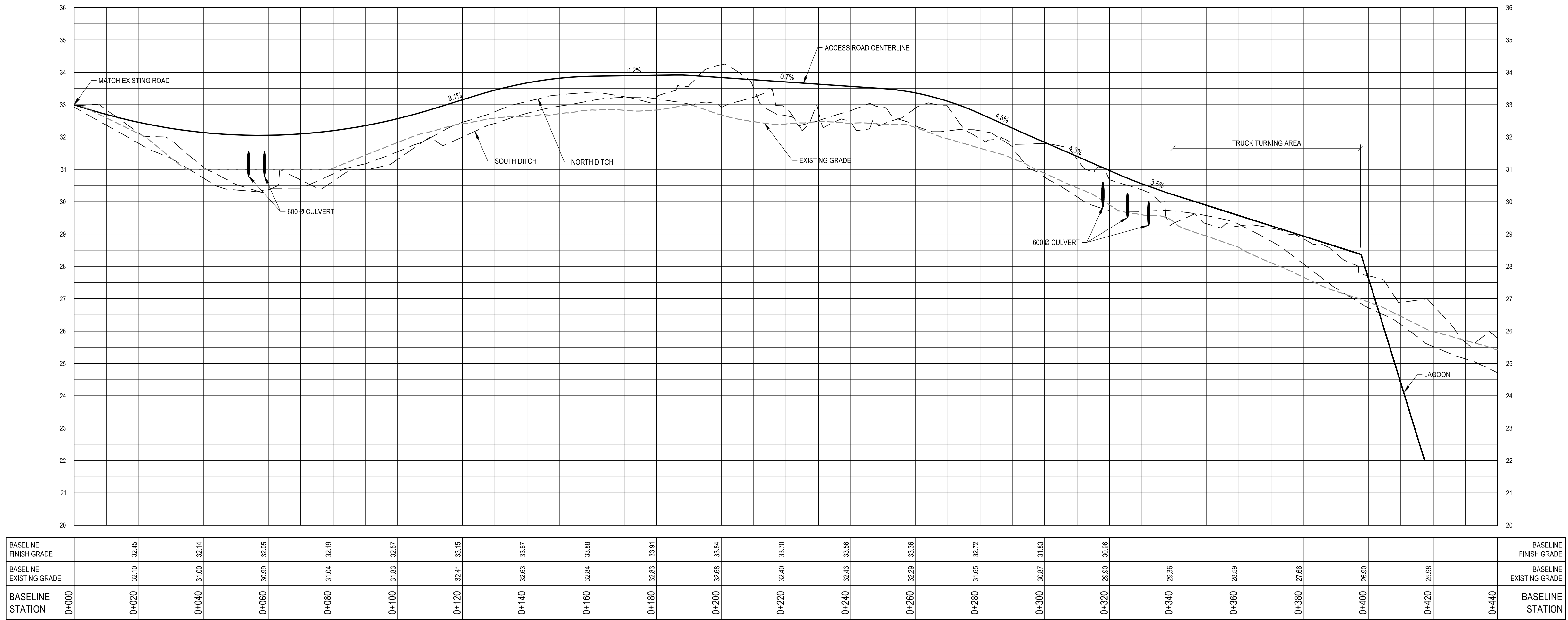


PLAN

ACCESS ROAD

1:750

AL LAWRENCE



PROFILE

ACCESS ROAD

1:75 VERTICAL, 1:750 HORIZONTAL

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No.	Issue	Date
A	75% SUBMISSION	2020.APR.01
B	100% SUBMISSION	2020.APR.17

LEGEND

PROPOSED	EXISTING

NOTE:

REFER TO DRAWING C-203 FOR ACCESS ROAD COORDINATE TABLE.

No.	Revision	Date

100% Submission Review

Professional Seal(s)

Drawn By: ARL

Dwg Standards Ckd By:

Designed By: BCA

Design Checked By:

Scale: AS SHOWN

Project Title

GOVERNMENT OF NUNAVUT
NAUJAAT SEWAGE LAGOON
UPGRADE

Dwg. Title

ACCESS ROAD PLAN AND
PROFILE

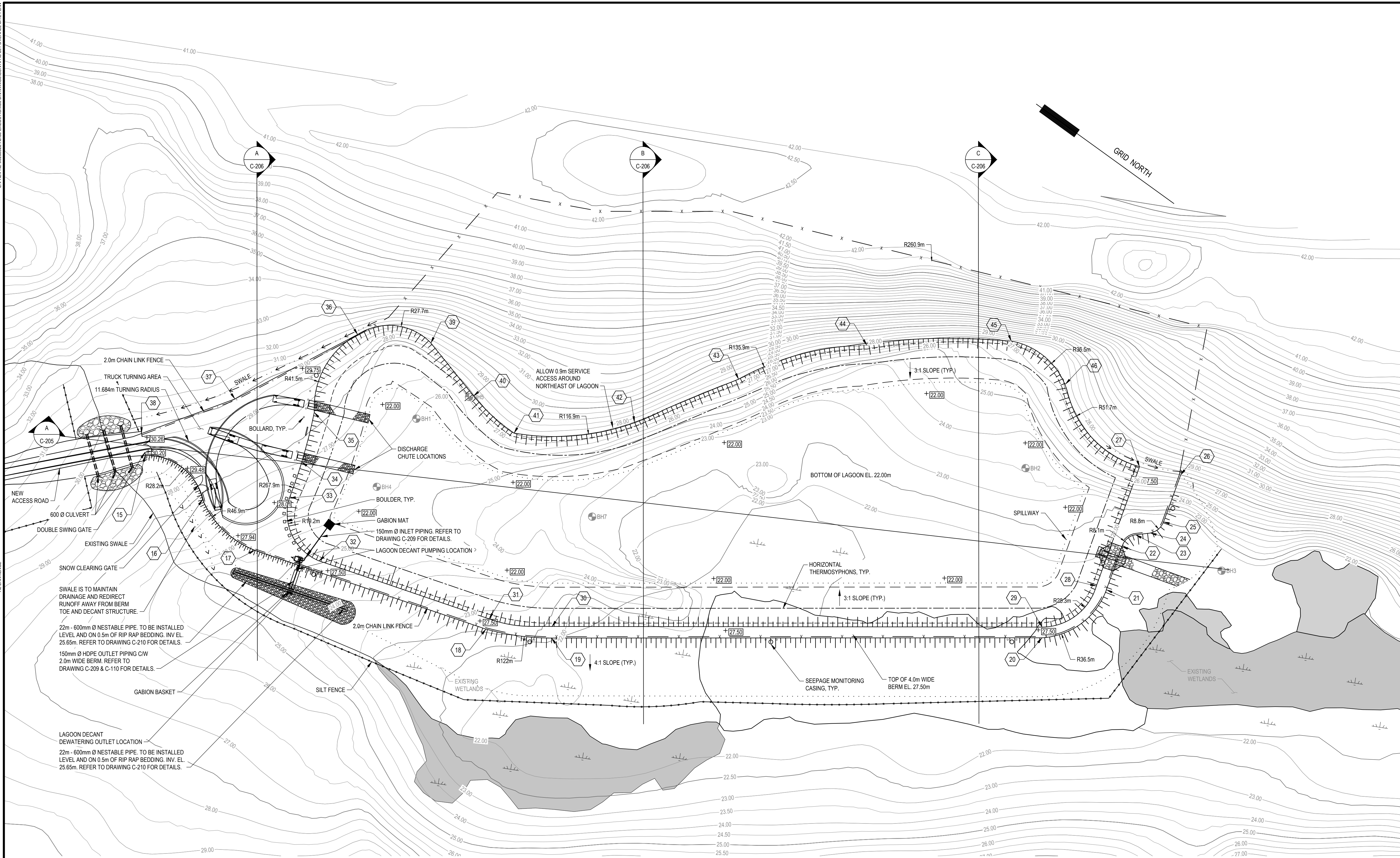
Project No. FRE-00255322-A0

Dwg. No. C-202

Rev. No. B

4/7/2023 3:04 PM

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POINT #	NORTHING	EASTING	DESCRIPTION
1	7379084.398	534333.170	ACCESS ROAD
2	7379088.772	534334.125	ACCESS ROAD
3	7379125.806	534395.841	ACCESS ROAD
4	7379144.247	534483.326	ACCESS ROAD
5	7379110.741	534566.217	ACCESS ROAD
6	7379067.410	534613.969	ACCESS ROAD
7	7379057.312	534622.379	ACCESS ROAD
8	7379063.238	534628.324	ACCESS ROAD
9	7379065.034	534625.451	ACCESS ROAD
10	7379115.403	534569.993	ACCESS ROAD
11	7379150.222	534483.865	ACCESS ROAD
12	7379130.980	534392.979	ACCESS ROAD
13	7379095.017	534332.872	ACCESS ROAD
14	7379095.318	534326.253	ACCESS ROAD

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
15	7379057.312	534622.379	30.270	TRUCK TURNING AREA
16	7379030.260	534621.612	28.850	TRUCK TURNING AREA
17	7379003.362	534617.687	27.500	TOP OF BERM
18	7378916.150	534644.417	27.500	TOP OF BERM
19	7378894.281	534656.102	27.500	TOP OF BERM
20	7378745.984	534763.463	27.500	TOP OF BERM
21	7378737.045	534792.144	27.500	TOP OF BERM
22	7378741.750	534808.581	27.500	TOP OF BERM
23	7378740.186	534815.162	27.500	TOP OF BERM
24	7378736.104	534818.928	27.500	TOP OF BERM
25	7378734.600	534825.183	27.500	TOP OF BERM
26	7378739.678	534843.126	27.500	TOP OF BERM
27	7378753.937	534836.617	27.500	TOP OF BERM
28	7378740.893	534791.053	27.500	TOP OF BERM
29	7378748.442	534766.622	27.500	TOP OF BERM
30	7378896.712	534659.645	27.500	TOP OF BERM

LAGOON LAYOUT COORDINATE TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
31	7378917.433	534648.207	27.500	TOP OF BERM
32	7378981.633	534628.532	0.000	TOP OF BERM
33	7379004.294	534641.093	0.000	TOP OF BERM
34	7379008.471	534654.743	28.521	TOP OF BERM
35	7379015.549	534672.471	29.027	TOP OF BERM
36	7379019.466	534705.528	29.958	TOP OF BERM
37	7379042.485	534659.139	30.000	TRUCK TURNING AREA
38	7379063.238	534628.324	29.930	TRUCK TURNING AREA
39	7378995.405	534718.965	28.848	TOP OF LAGOON
40	7378970.926	534712.309	27.451	TOP OF LAGOON
41	7378960.531	534709.895	27.500	TOP OF LAGOON
42	7378916.447	534739.531	27.500	TOP OF LAGOON
43	7378894.402	534775.345	27.500	TOP OF LAGOON
44	7378863.061	534813.724	27.500	TOP OF LAGOON
45	7378820.261	534846.538	27.500	TOP OF LAGOON
46	7378794.408	534845.393	27.500	TOP OF LAGOON



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No.	Issue	Date
A	75% SUBMISSION	2020.APR.01
B	100% SUBMISSION	2020.APR.17

LEGEND

<u>PROPOSED</u>	<u>EXISTING</u>	
		TOP OF BERM/SLOPE
		BOTTOM OF BERM/SLOPE
		FENCE
		BOREHOLE
		30.00 CONTOURS
		HORIZONTAL THERMOSYPHONS

No.	Revision	Date

100% Submission Review

Professional Seal(s)

Drawn By: ARL

Dwg Standards Ckd By:

Designed By: **BCA**

Design Checked By:

Scale: 1:750

Project Title

GOVERNMENT OF NUNAVUT
NAUJAAT SEWAGE LAGOON
UPGRADE

Dwg. Title

LAGOON GRADING PLAN

Project No. **FRE-00255322-A0**

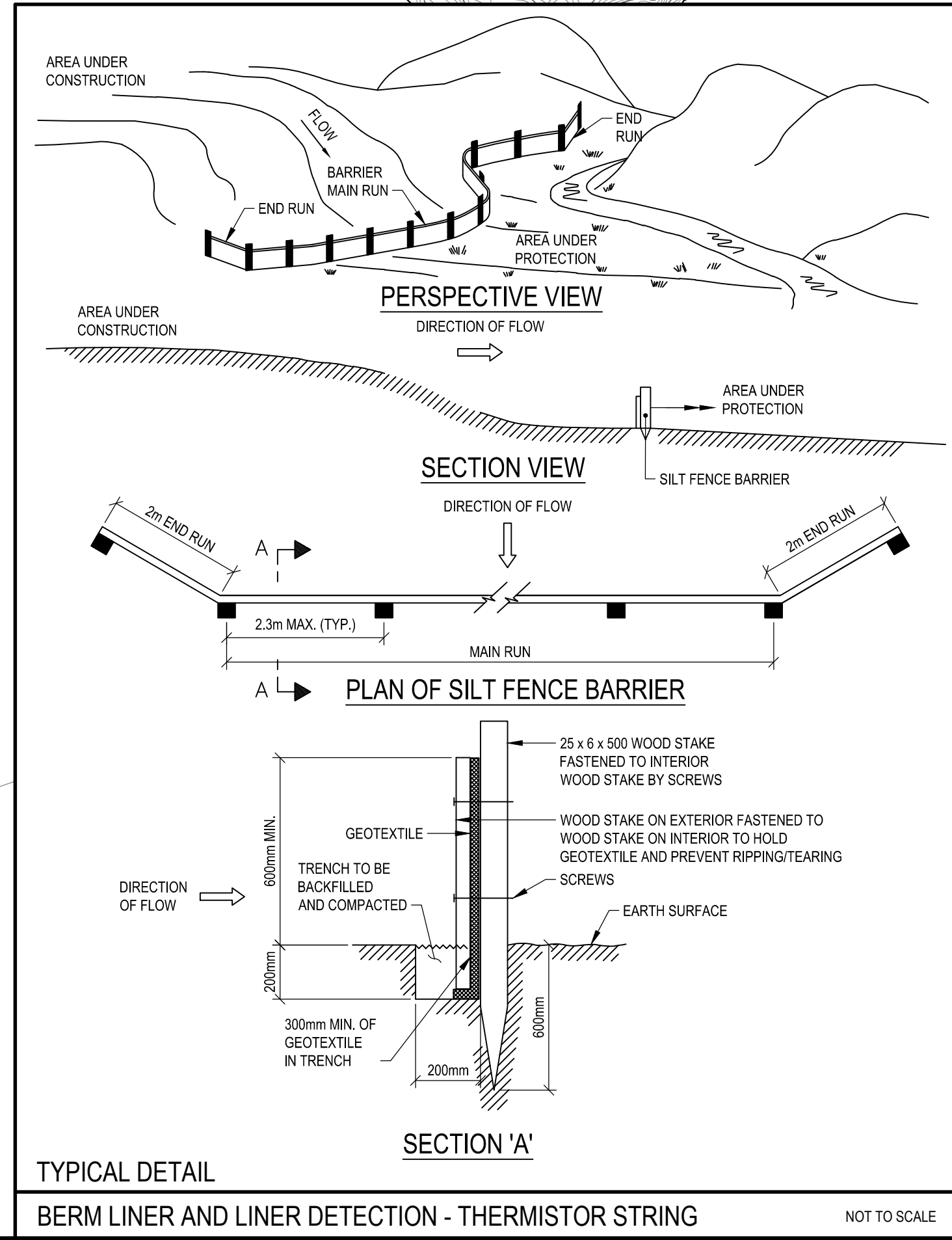
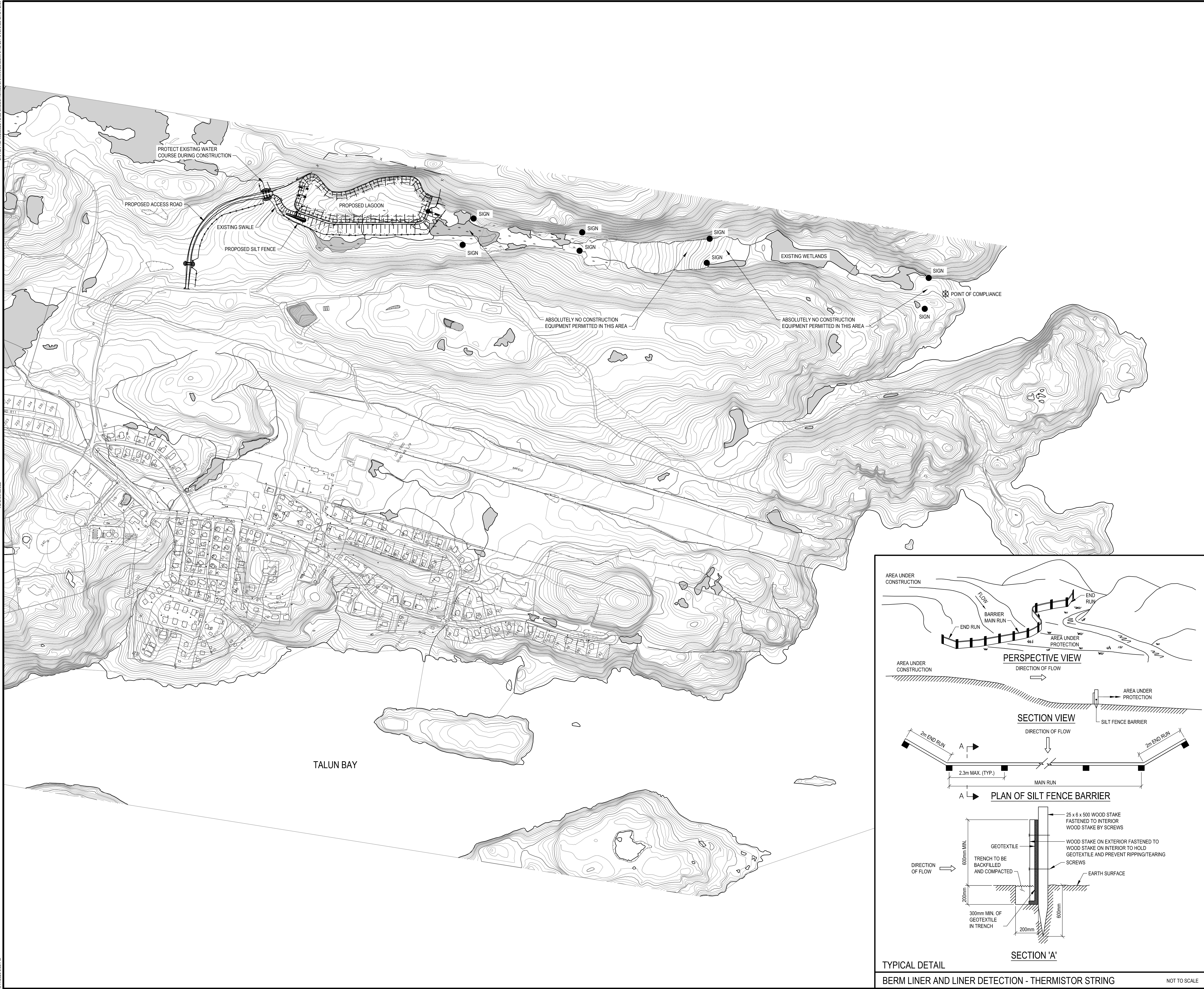
C-203

B

E:\PREP\FRE-00255322-A0\86 EXECUTIONS DRAWINGS\CONT\1C-201 OVERALL SITE PLAN

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No.	Issue	Date
A	100% SUBMISSION	2020.APR.17

No.	Revision	Date

100% Submission Review

Professional Seal(s)

Drawn By: ARL

Dwg Standards Ckd By:

Designed By: BCA

Design Checked By:

Scale: NOT TO SCALE

Project Title

GOVERNMENT OF NUNAVUT
NAUJAAT SEWAGE LAGOON
UPGRADE

Dwg. Title

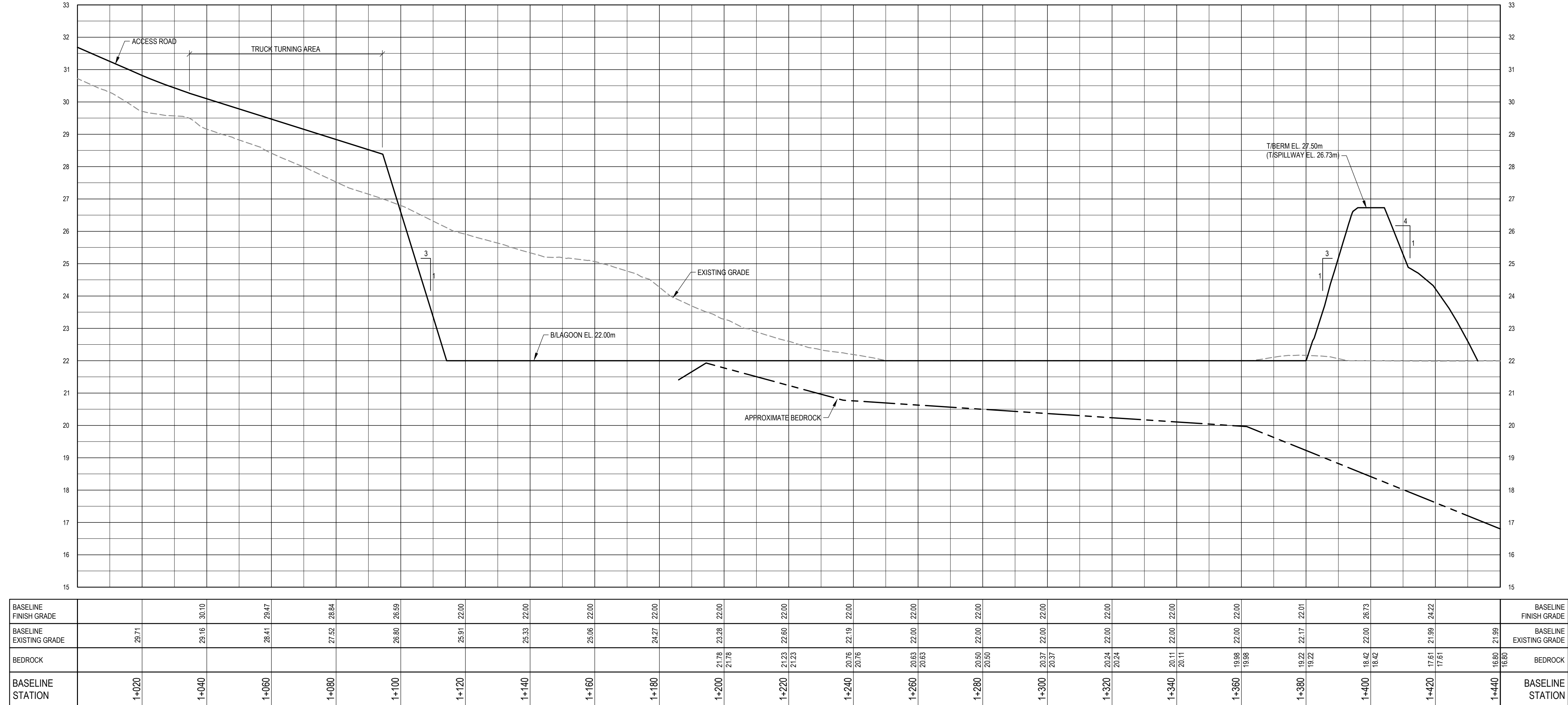
CONSTRUCTION
MANAGEMENT SITE PLAN

Project No. FRE-00255322-A0

Dwg. No. C-204

Rev. No. A

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1:75 VERTICAL, 1:750 HORIZONTAL

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B	100% SUBMISSION	2020.APR.17

No.	Revision	Date

100% Submission Review

Professional Seal(s)	

Drawn By:	ARL
Dwg Standards Ckd By:	
Designed By:	BCA
Design Checked By:	
Scale:	AS SHOWN

Project Title

**GOVERNMENT OF NUNAVUT
NAUJAAT SEWAGE LAGOON
UPGRADE**

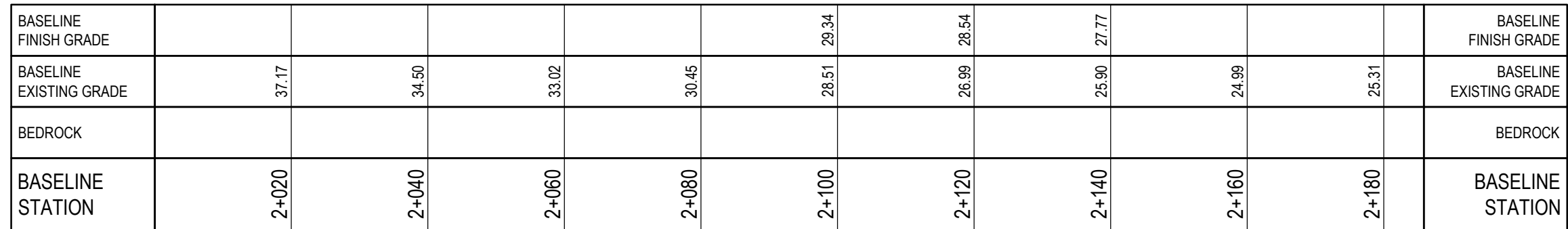
Dwg. Title

LAGOON SECTIONS

Project No.

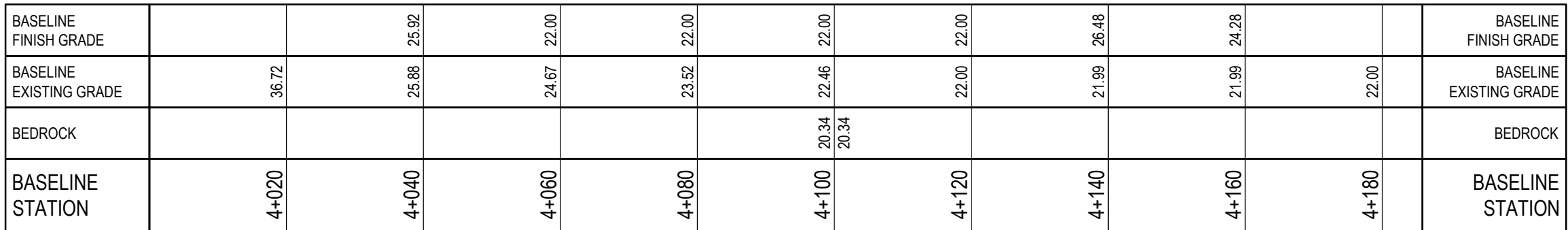
FRE-00255322-A0

Dwg. No.	Rev. No.
C-205	B



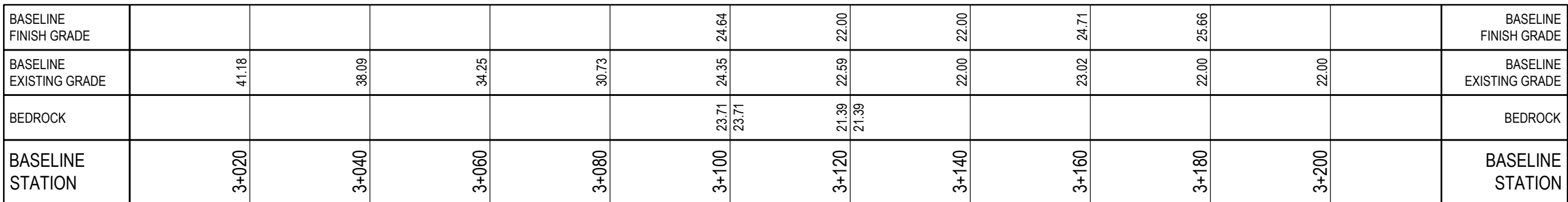
C-203

1:75 VERTICAL, 1:750 HORIZONTAL



C-203

1:75 VERTICAL, 1:750 HORIZONTAL



C-203

1:75 VERTICAL, 1:750 HORIZONTAL

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B	100% SUBMISSION	2020.APR.17

No.	Revision	Date
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100% Submission Review

Professional Seal(s)

Drawn By: ARL

Dwg Standards Ckd By

Designed By: **BCA**

Design Checked By:

Scale: AS SHOWN

Project Title

GOVERNMENT OF NUNAVUT
NAUJAAT SEWAGE LAGOON
UPGRADE

Dwg. Title

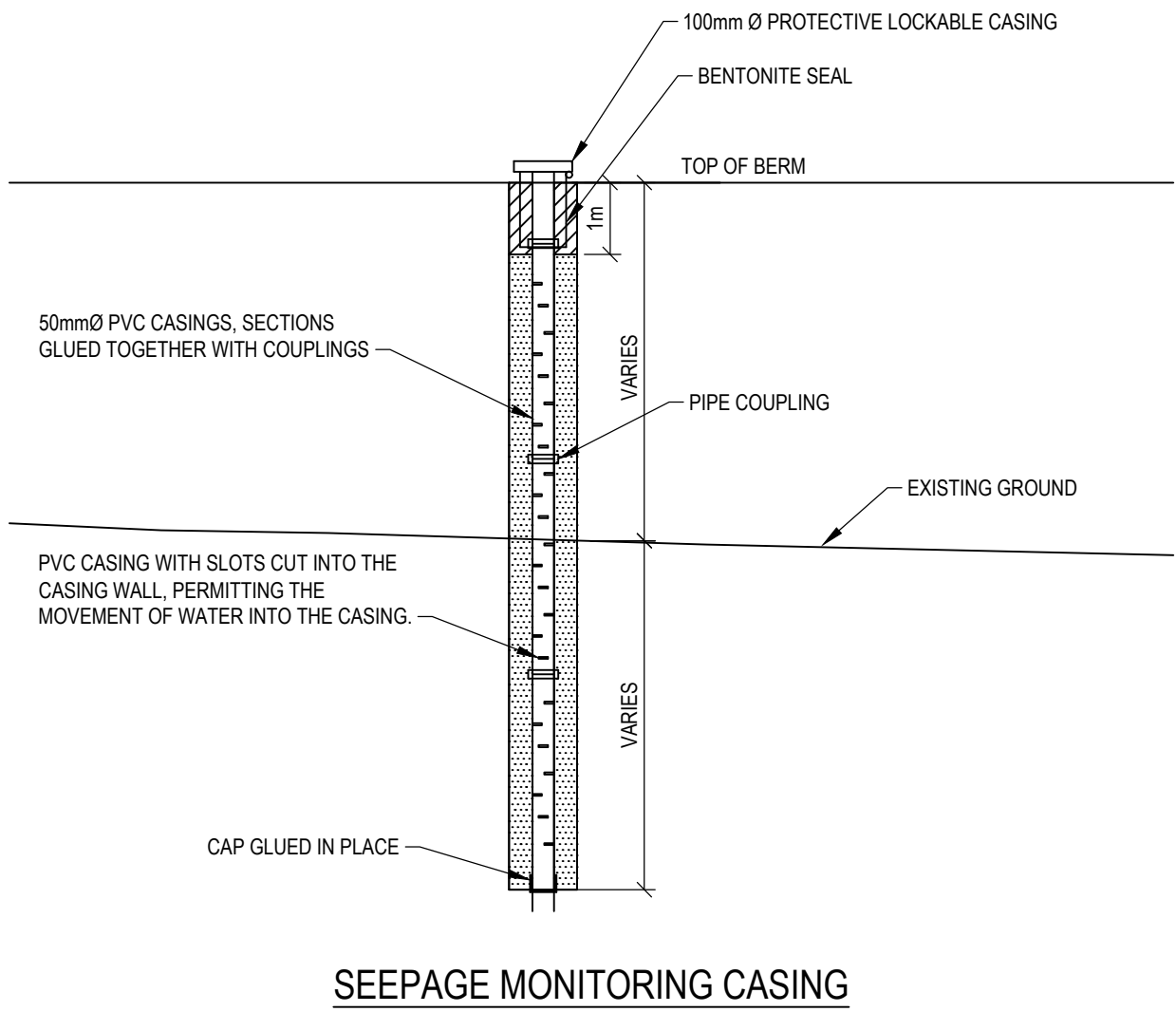
LAGOON SECTIONS

Project No. **FRE-00255322-A0**

Dwg. No. **C-206**

10.

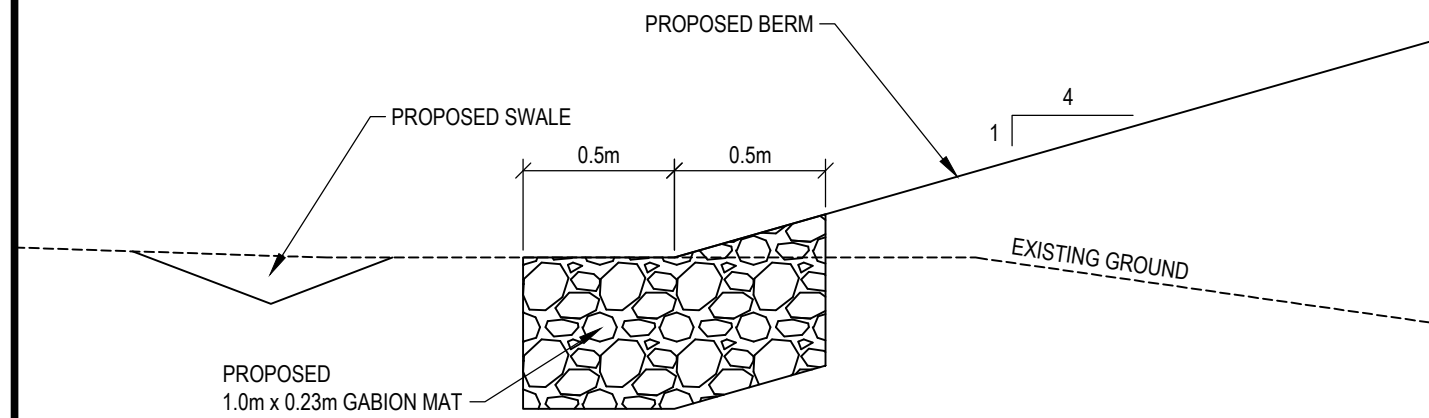
E:\PROJECTS\FRE-00255322-A0\08 EXECUTIONS DRAWINGS\CONTIN/C-207 BERM DETAILS



TYPICAL DETAIL

SEEPAGE MONITORING CASING

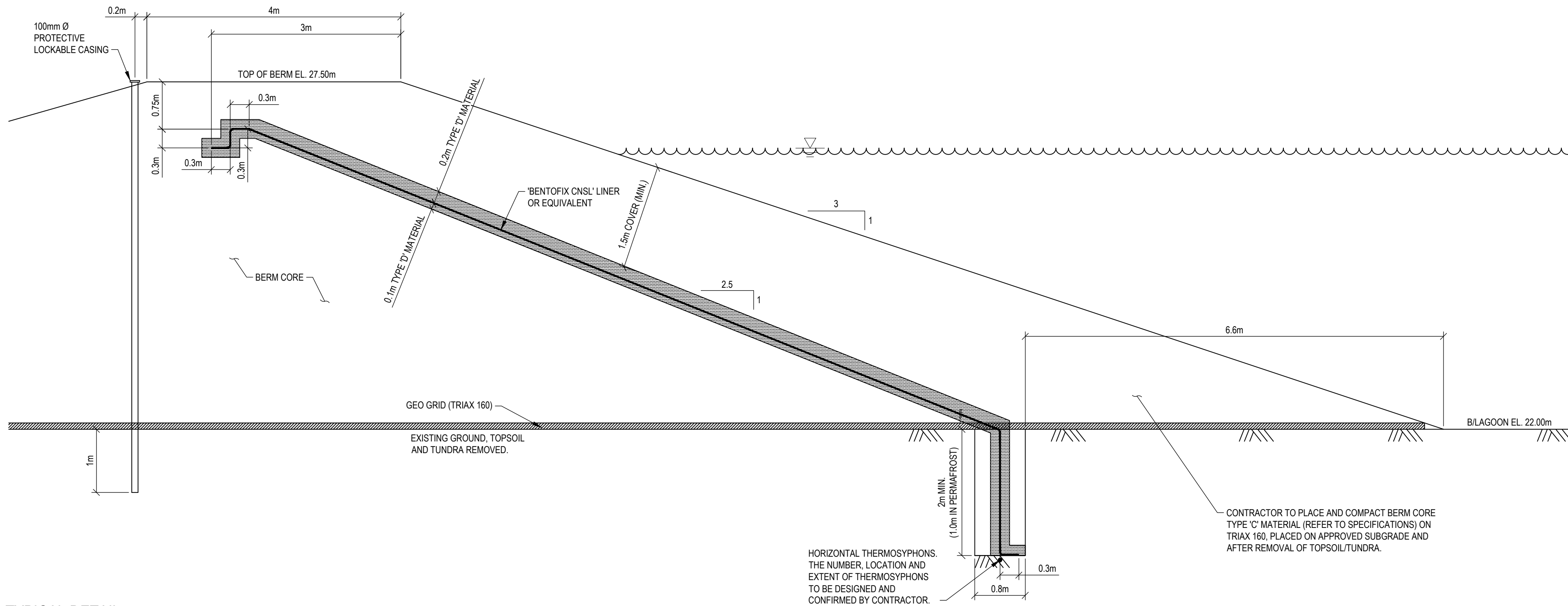
NOT TO SCALE



TYPICAL DETAIL

BERM EROSION PROTECTION

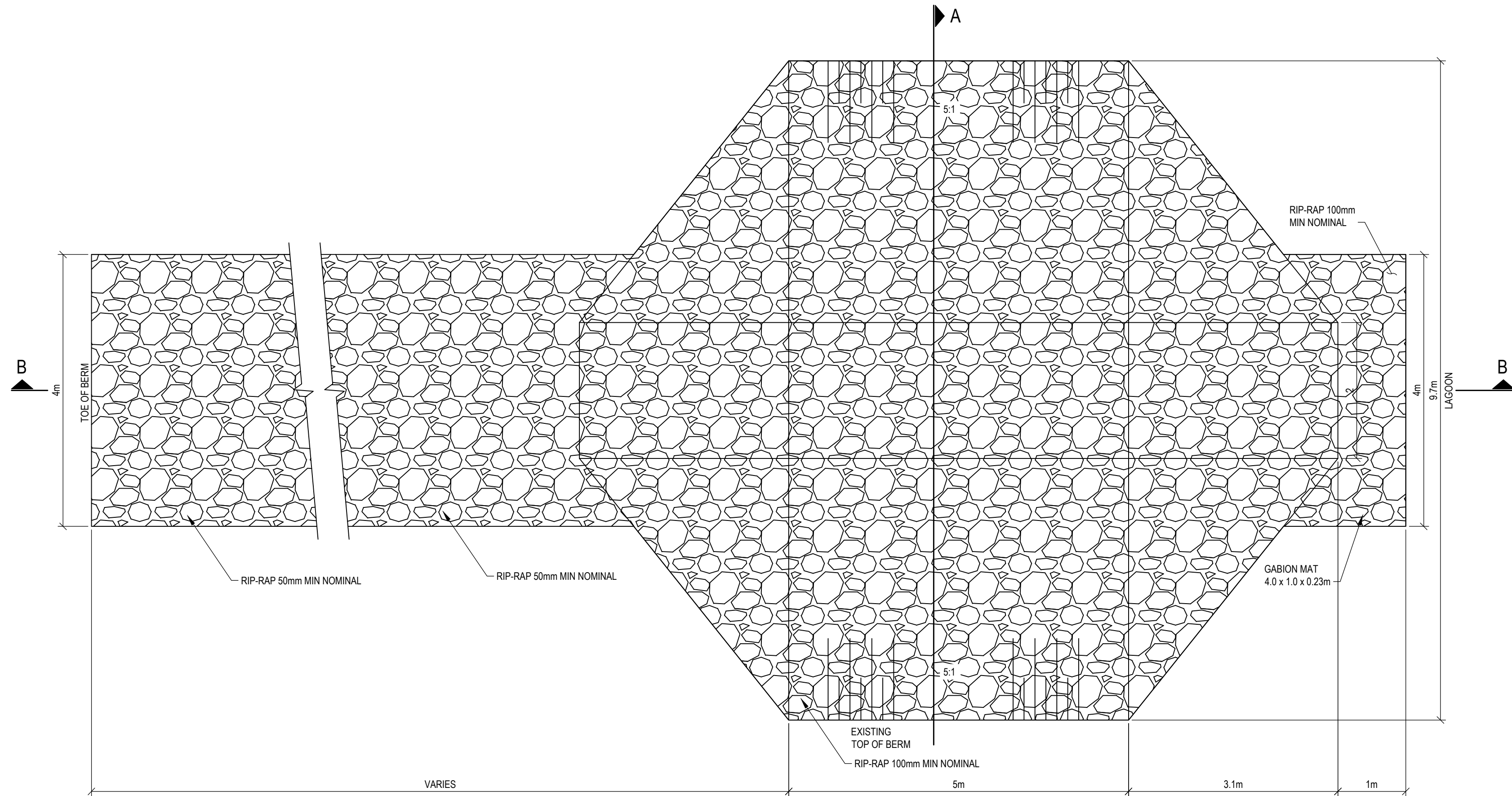
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TYPICAL DETAIL

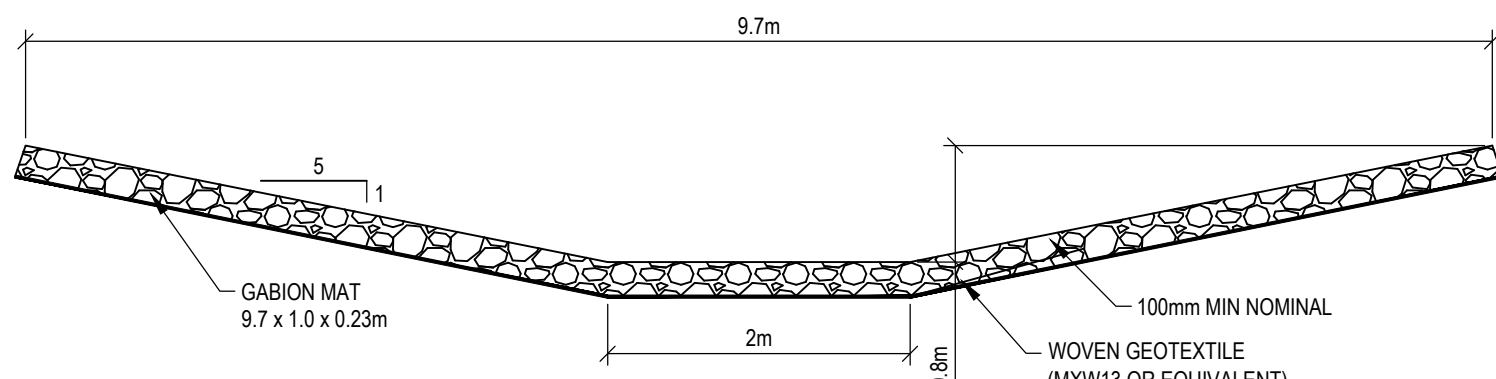
BERM LINER AND LINER DETECTION

1:50



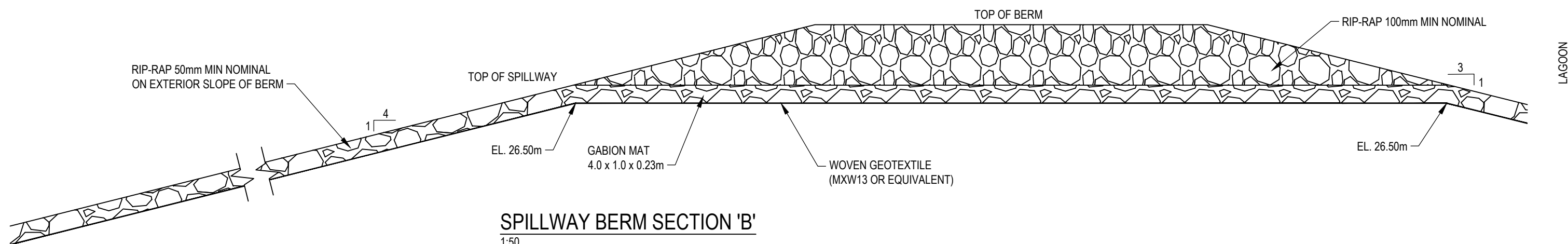
SPILLWAY BERM PLAN

1:50



SPILLWAY BERM SECTION 'A'

1:50



SPILLWAY BERM SECTION 'B'

1:50

TYPICAL DETAIL

SPILLWAY BERM

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A	75% SUBMISSION	2020.APR.01
B	100% SUBMISSION	2020.APR.17

No.	Revision	Date
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100% Submission Review

Professional Seal(s)

Drawn By: ARL

Dwg Standards Ckd By:

Designed By: BCA

Design Checked By:

Scale: AS SHOWN

Project Title

GOVERNMENT OF NUNAVUT
NAUJAAT SEWAGE LAGOON
UPGRADE

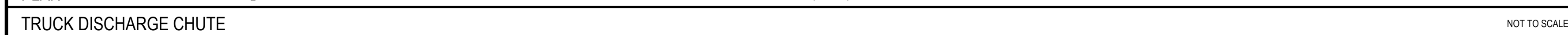
Dwg. Title

BERM DETAILS

Project No. FRE-00255322-A0

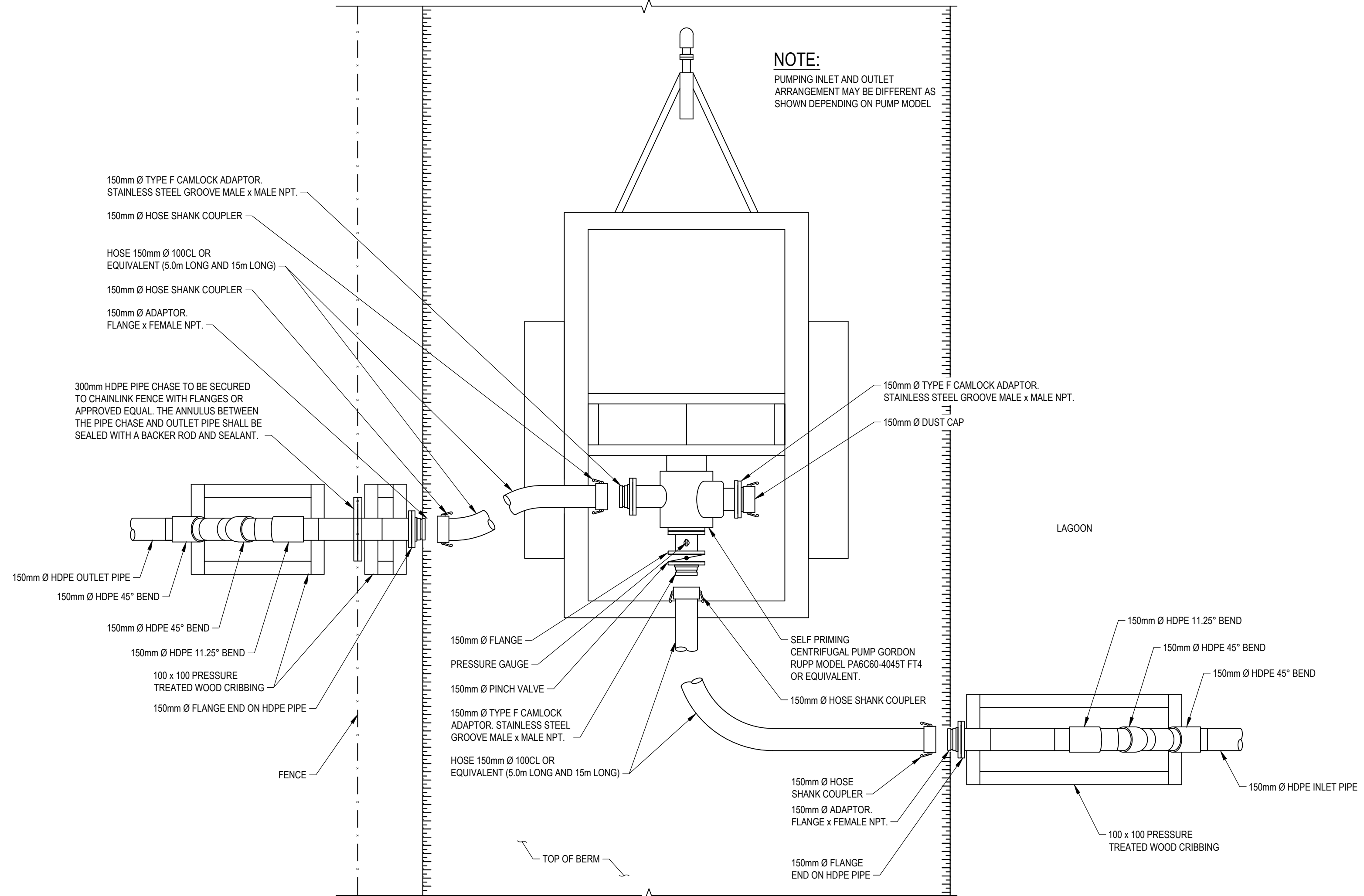
Dwg. No. C-207

Rev. No. B

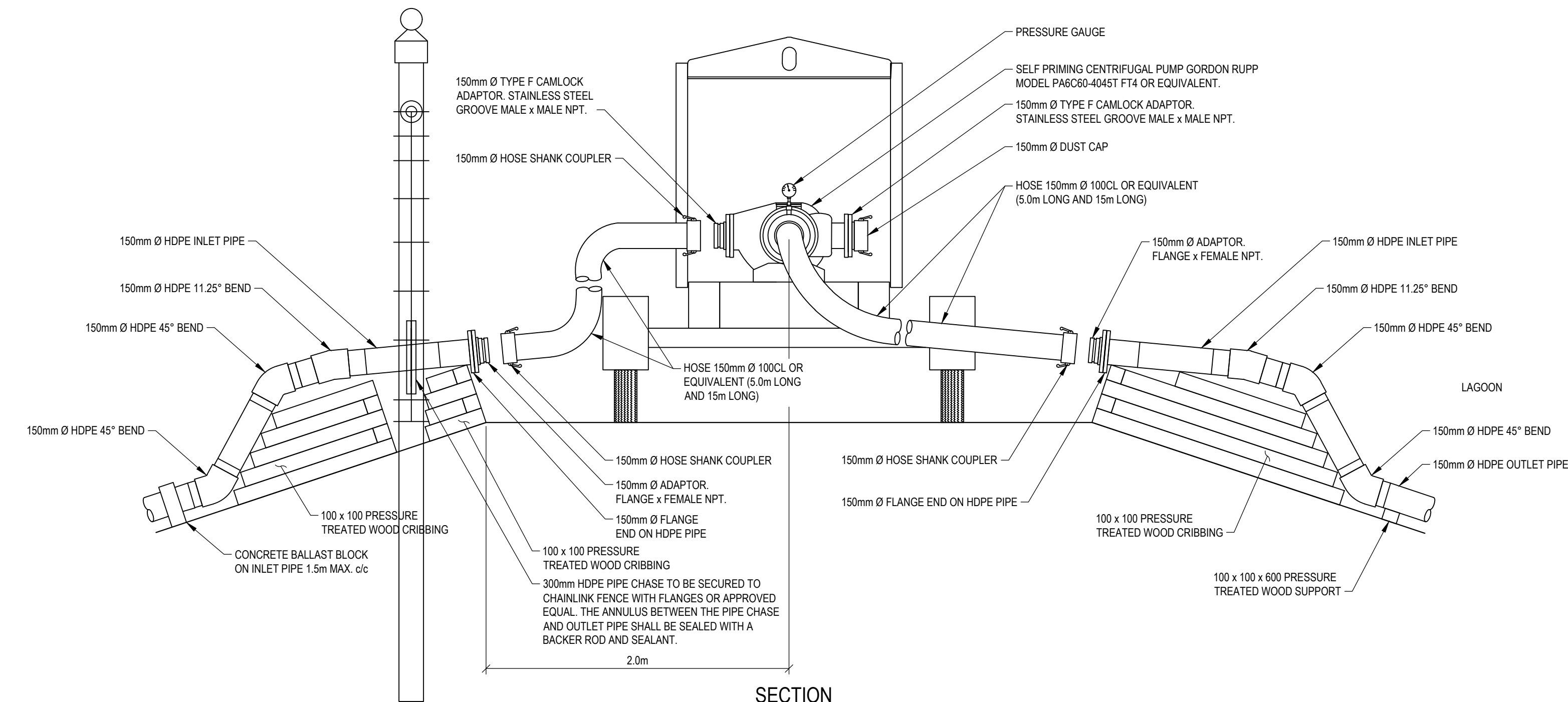


TYPICAL DETAIL

LAGOON DEWATERING PUMP INFRASTRUCTURE



PLAN

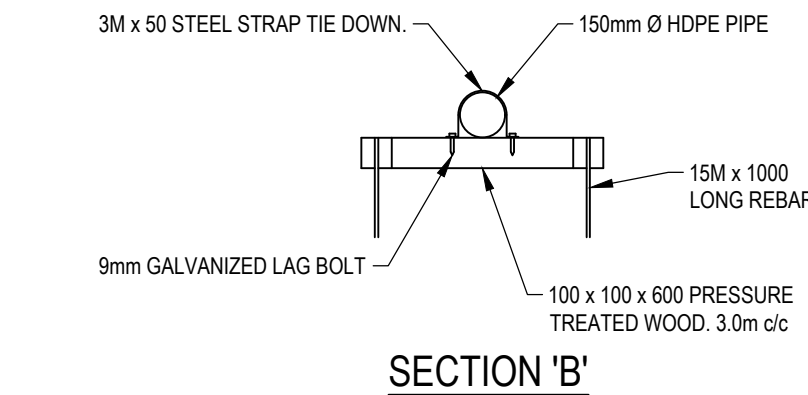
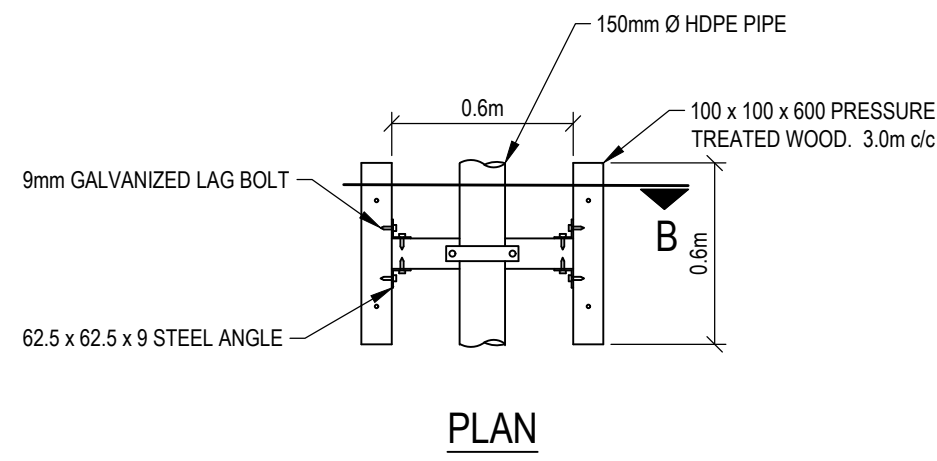
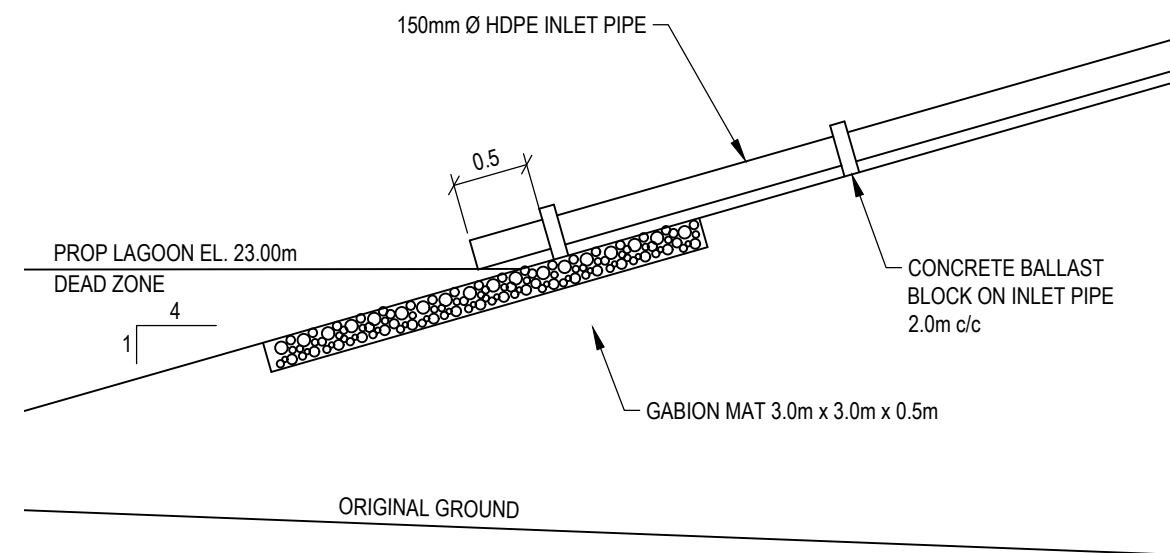


SECTION

TYPICAL SECTION

LAGOON DEWATERING INLET

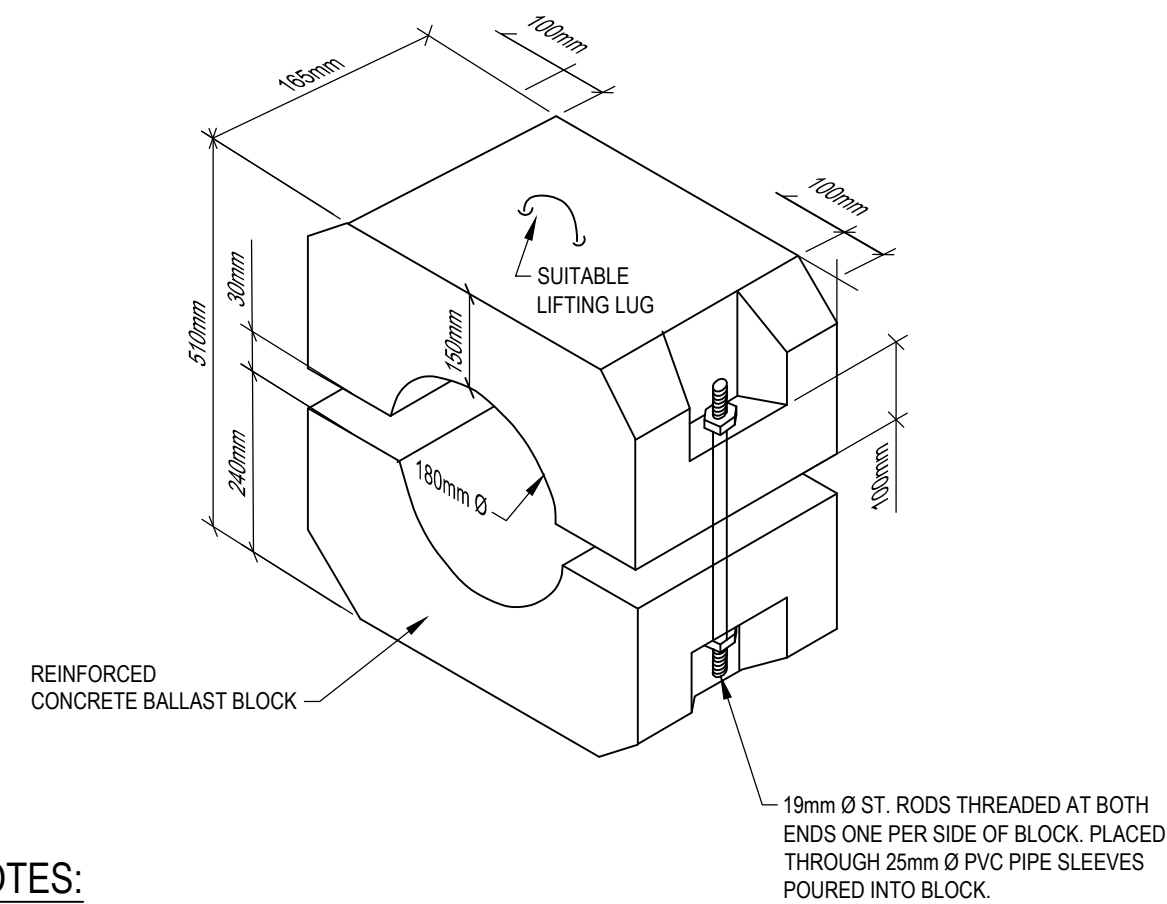
NOT TO SCALE



TYPICAL DETAIL

OUTLET PIPE SUPPORT

NOT TO SCALE



NOTES:

- CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR CONCRETE BALLAST BLOCKS C/W REINFORCING.
- CONTRACTOR TO USE 6.25mm THICK NEOPRENE SPONGE PADDING BETWEEN PIPE AND BLOCKS TO PREVENT CONTACT. WIDTH TO BE 180mm.

TYPICAL DETAIL

CONCRETE BLAST BLOCK

NOT TO SCALE

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B	100% SUBMISSION	2020.APR.17

No.	Revision	Date

100% Submission Review

Professional Seal(s)

Drawn By: ARL

Dwg Standards Ckd By:

Designed By: BCA

Design Checked By:

Scale: AS SHOWN

Project Title

GOVERNMENT OF NUNAVUT
NAUJAAT SEWAGE LAGOON
UPGRADE

Dwg. Title

PUMP AND DEWATERING
DETAILS

Project No. FRE-00255322-A0

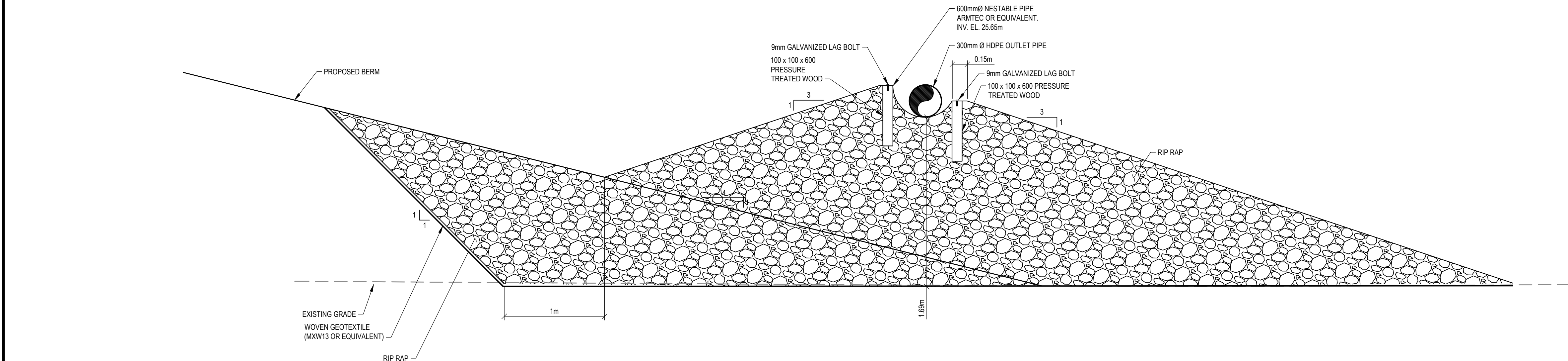
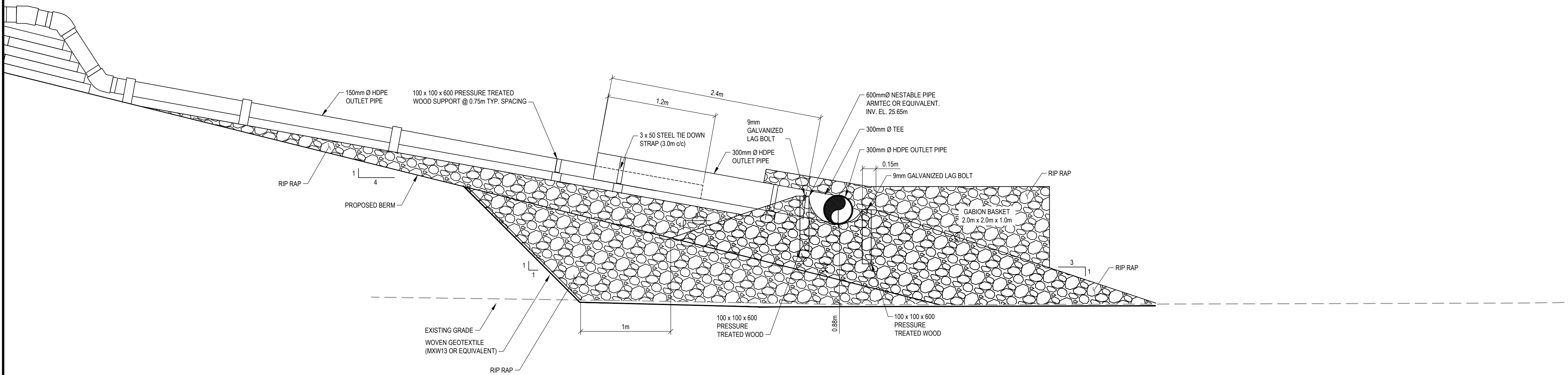
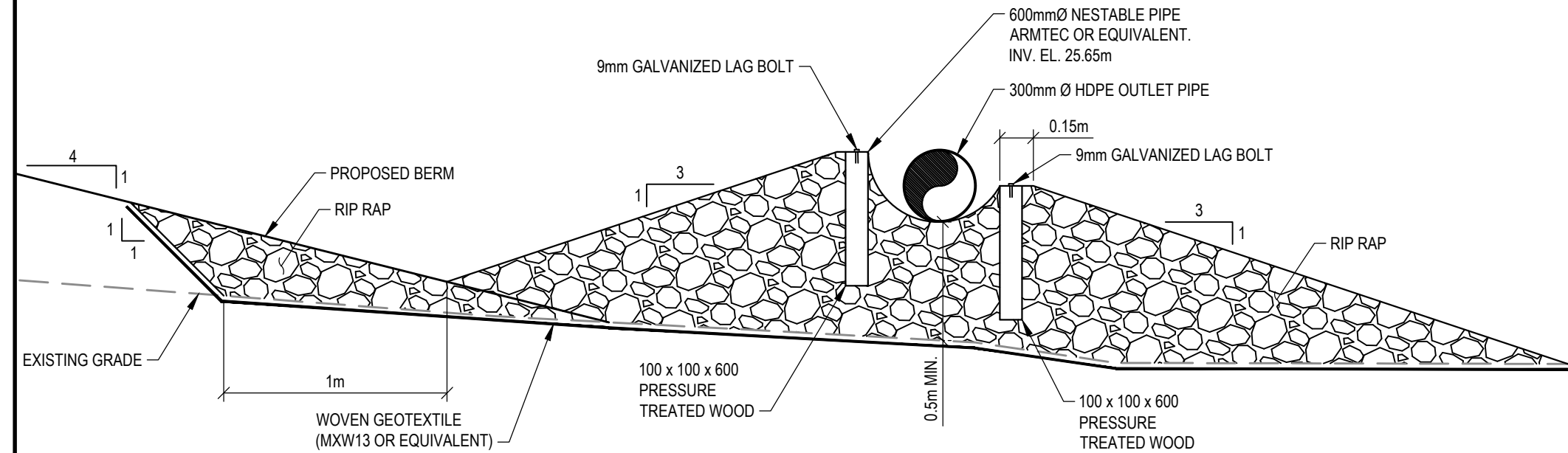
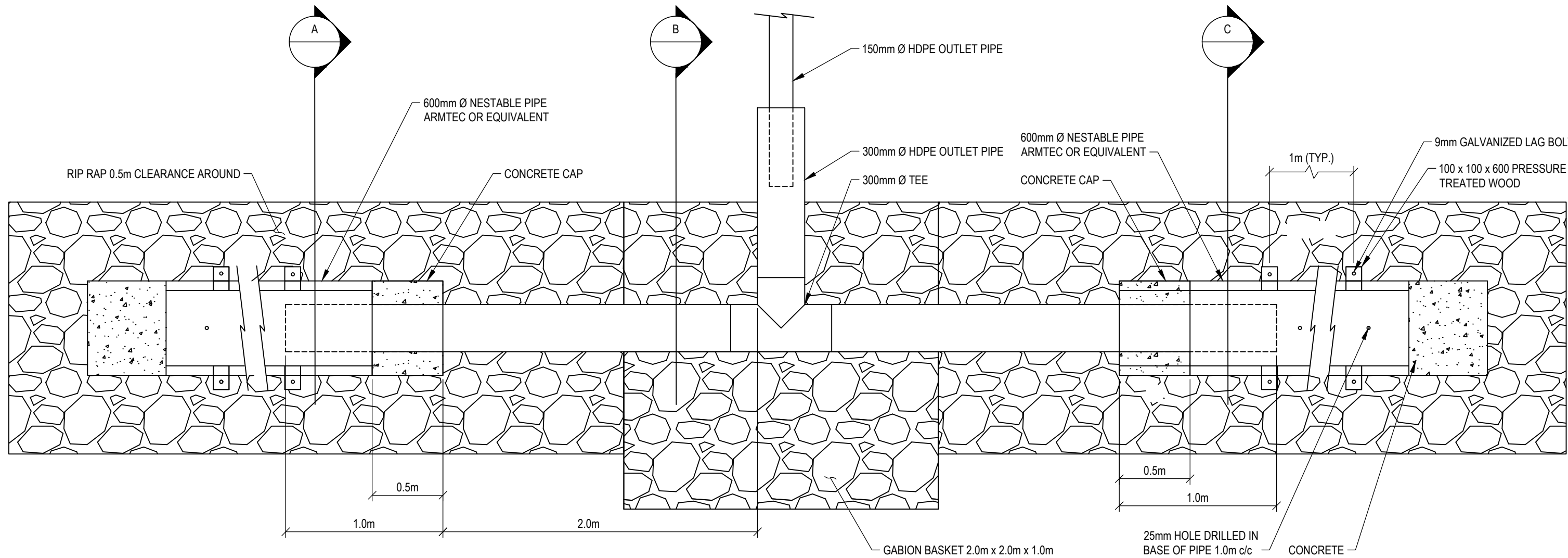
Dwg. No. C-209

Rev. No. B

E:\FRE\FRE-00255322-A060 EXECUTIONS DRAWINGS\CONV\1210 DOWATERING DETAILS

AL LAWRENCE

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No.	Issue	Date
A	75% SUBMISSION	2020.APR.01
B	100% SUBMISSION	2020.APR.17

No.	Revision	Date

100% Submission Review

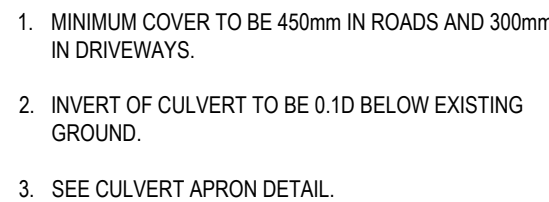
Professional Seal(s)

Drawn By: ARL
Dwg Standards Ckd By:
Designed By: JFP
Design Checked By:
Scale: AS SHOWN

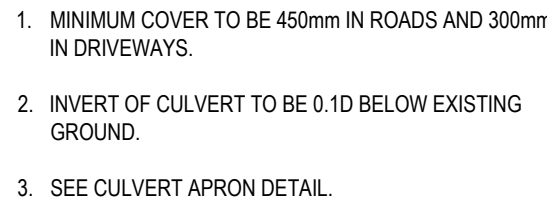
Project Title
**GOVERNMENT OF NUNAVUT
NAUJAAT SEWAGE LAGOON
UPGRADE**

Dwg. Title
DEWATERING DETAILS

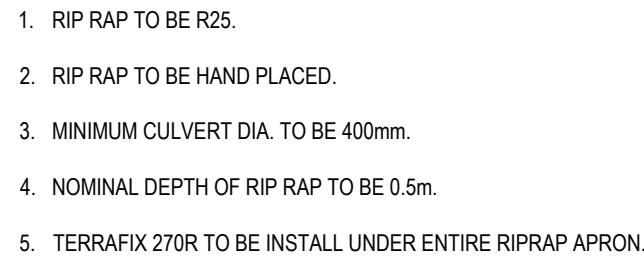
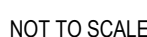
Project No. FRE-00255322-A0
Dwg. No. **C-210**
Rev. No. **B**



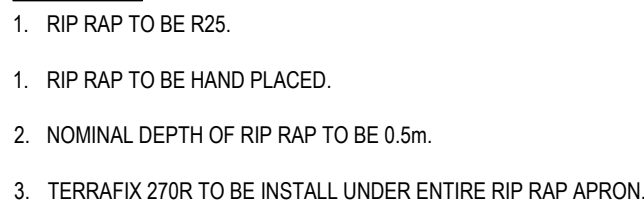
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NOT TO SCALE



NOT TO SCALE



NOT TO SCALE

No.	Revision	Date

Professional Seal(s)

Drawn By:	ARL
Dwg Standards Ckd By:	
Designed By:	BCA
Design Checked By:	
Scale:	AS SHOWN

Dwg. Title

Project No. **FRE-00255322-A0**

Dwg. No.	Rev. No.
C 311	D

C-211

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